AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

- 1. (Currently Amended) A step-down circuit, comprising:
- a clock control circuit which provides a plurality of clock signals having a frequency determined based on a control signal;
- a charge pump circuit which reduces a first potential applied to a first terminal so as to provide a second potential from a second terminal by switching a connection of a plurality of capacitors in sync with the plurality of clock signals output from the clock control circuit; and
- a comparator which produces the control signal supplied to the clock control circuit by comparing the second potential to a reference potential;
 - a frequency divider which divides an input clock signal;
- a selection circuit which selects one of the input clock signal and a clock signal divided by the frequency divider, based on the control signal provided by the comparator; and

an output circuit which provides the plurality of clock signals to be provided to the charge pump circuit based on the one clock signal selected by the selection circuit.

- 2. (Original) The step-down circuit according to Claim 1, further comprising:
- a circuit which generates the reference potential based on the first potential applied to the first terminal of the charge pump circuit.

3. (Cancelled)

- 4. (Original) A power supply circuit providing a plurality of potentials from a plurality of terminals based on a first potential, comprising:
 - a voltage divider which divides the first potential;
- a voltage follower which provides a second potential based on the first potential divided by the voltage divider; and
- a step-down circuit which reduces at least one of the first potential and the second potential so as to provide a third potential by switching a connection of a plurality of capacitors in sync with a clock signal.
 - 5. (Original) The power supply circuit according to Claim 4, further comprising:
 - a booster which increases the first potential so as to provide a fourth potential;
- a second voltage divider which divides the fourth potential;
- a second voltage follower which provides a fifth potential based on the divided fourth
- potential; and
- a second step-down circuit which reduces at least one of the fourth potential and the
- fifth potential so as to provide a sixth potential, by switching a connection of a second
- plurality of capacitors in sync with a clock signal.

- 6. (Original) The power supply circuit according to Claim 4, further comprising:
- a stabilized power supply circuit which produces a stabilized power supply potential; and

an operational amplifier which produces the first potential by amplifying the stabilized power supply potential produced by the stabilized power supply circuit with a predetermined amplification factor.

7. (Currently Amended) A semiconductor integrated circuit, comprising:

the The step-down circuit according to Claim 1 wherein the step-down circuit is included on a semiconductor integrated circuit.

8. (Currently Amended) A semiconductor integrated circuit, comprising:

the <u>The</u> power supply circuit according to Claim 4 wherein the power supply circuit is included on a semiconductor integrated circuit.

9. (Cancelled)

- 10. (Original) The power supply circuit according to Claim 5, further comprising:
- a stabilized power supply circuit which produces a stabilized power supply potential; and

an operational amplifier which produces the first potential by amplifying the stabilized power supply potential produced by the stabilized power supply circuit with a predetermined amplification factor.